

620/401/DR/AFT/1/029  
ORIG :   
UNIT : SR/3  
EXT :   
DATE : 6 December 1957

CLASSIFIED MESSAGE

~~SECRET~~

CONFIDENTIAL

ROUTING			
1	ED	4	
2	R+D	5	
3	SRB	6	

25X1  
CABLE SECT.  
25X1

TO :   
FROM : DIRECTOR

BDT   
WLE   
WE

CONF : SR 6

INFO : COP, A/DD/P/P, PP/AMD 2, FI/RI 2, PP 2, PP/OPS, (TSS 4) EE 4, IOD 4, DD/S, SSA, S/C 2, OL 3

MICROFILM		DEFERRED		PRIORITY	INITIALS
	X	ROUTINE		OPERATIONAL IMMEDIATE	INITIALS

25X1  
OUT 70125  
OUT 70125

TO :   
INFO :   
CITE DIR

47955  
47955  
Rec'd ED  
12/19  
9:40

RE: DIR 27332 (OUT 74161) \*

CS COMMENT: \*RE OBTAINING HYDROGEN FOR BALLOON OPS.

1. HAVE LOCATED ODIBEX MOBILE HYDROGEN GENERATOR POSSESSING FOLLOWING QUALITIES: PRODUCES HYDROGEN WITH CARBON DIOXIDE AS BY-PRODUCT AT RATE 4000 CUBIC FEET 98 PER CENT PURE HYDROGEN AND 156 LB CARBON DIOXIDE PER HOUR; LOW PRESSURE, MOTOR DRIVEN; SEMI-TRAILER MOUNTED, AVAILABLE WITH FRONT-END DOLLY FOR TOWING AS FULL TRAILER BY ANY HEAVY TRUCK. RAW MATERIALS WATER (130 GALLONS PER HOUR), METHANOL (WOOD ALCOHOL) AND FUEL OIL. CAN BE RUN OFF COMMERCIAL ELECTRICITY OR 60 KW DIESEL GENERATOR SET. TOTAL ESTIMATED COST RAW MATERIALS \$12.50 PER HOUR OR AT RATE \$.62 PER 6-CUBIC METER CYLINDER. PLANT COST APPROX \$125,000, COMPRESSOR INCLUDED. COULD BE RUN VIRTUALLY CONTINUOUSLY. IS NOT EXPERIMENTAL MODEL. POUCHING DETAILED ODIBEX FIELD MANUAL ON RUNNING AND MAINTENANCE (TM 5-9145-1).   
OPERATORS COULD BE TRAINED.

2. NO SUCH PLANTS AVAILABLE EUROPE BUT TWO OPERATIVE IN PERU

DOC 31	REV DATE 10/1/57	BY 3522
ORIG COMP	OP 56	TYPE 09
ORIG CLASS 2	PAGES 2	REV CLASS 6
JUST 22	NEXT REV 200	AUTH: HR 102

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25X1

25X1

TO : 

FROM : DIRECTOR

CONF :

INFO :

P R O C E D U R E	DEFERRED	PRIORITY	INITIALS
	<input checked="" type="checkbox"/> ROUTINE	OPERATIONAL IMMEDIATE	INITIALS

OUT 70125

DIR 47955

TO INFO

CITE DIR PAGE TWO

3. THOUGH HQS NOT AWARE EXACT TOTAL HYDROGEN REQUIREMENTS ALL KUBARK  
 BALLOONING PROJECTS  GIVEN STAMINA OF PLANT AND HOURLY OUTPUT, ESTIMATE  
 IT COULD FULFILL ALL KUBARK NEEDS.

25X1

4. SEE HANDLING AND COVER PROBLEMS ROUGHLY SIMILAR TO THOSE WE WOULD HAVE  
 ENCOUNTERED WITH GENERATOR DESCRIBED PARA 3A REF. MAY BE POSSIBLE SECURE ON  
 INDEFINITE LOAN TO KUBARK OR OUTRIGHT SURPLUS SALE FROM ODIBEX TO KUBARK-SPONSORED  
 ENTITY. LATTER THROUGH ODIBEX PROPERTY DISPOSAL  PROBABLY PREFER-  
 ABLE DUE LEGAL AND COVER ANGLES. WITH CIVILIAN PAINT JOB DOUBT ITS ODIBEX ORIGIN  
 WOULD BE OBVIOUS, THOUGH IN VIEW LEGALITY TRANSFER THIS PROBABLY NOT A PROBLEM.

25X1

25X1

5. PLS ADVISE SOONEST FIELD INTEREST.

END OF MESSAGE

TSS SHCSR/3 JSSR/7/TS CrocSR/COP/PP WEE/COP ASSR/LOG CSEE/G APDSR/BF 4EE/BUDGET RLEE/LOG 3B

25X1

25X1

COORDINATING OFFICERS

CEK

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CSR

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